

Hi again,
I was a little busy with my exams lately. sorry
well my supervisor wasn't really convinced with the use of a cIntercept component, yes it works just fine but it's not the optimal way. So I searched a little more and I ended with the route bellow (from what I read in the official docs, the cRecipientList is more adequate with what I want to do than the cDynamicRouter) :



All the configs we've talked about in this post are done: the "Content-Type":"application/json" in the cHttp_client, in the cProcessor components I put:

```
System.out.println("*****GET (/*or POST or DELETE*/) branche*****");
System.out.println("$$$$ hasOut==" + exchange.hasOut());
System.out.println("$$$$ hasIn==" + exchange.getOut());
System.out.println("$$$$ getIn==" + exchange.getIn().getBody(String.class));
System.out.println("$$$$ getOut==" + exchange.getOut().getBody(String.class));
```

```
String jsonString = exchange.getIn().getBody(String.class);
System.out.println("THE JSON STRING==" + jsonString);
exchange.getIn().setBody(jsonString);
```

the bean:

```
public class setDynaURI {
    public String setURI(Document document, @Header(Exchange.SLIP_ENDPOINT) String previous,
        @Header(Exchange.HTTP_METHOD) String httpVerb) {

        if (previous != null) {
            return null;
        }
        System.out.println("*****Bean's content*****");
        System.out.println("Previous = " + previous + " and httpverb = " + httpVerb);
        System.out.println("direct:" + httpVerb);
        return "direct:" + httpVerb;
    }
}
```

if I do a GET or a DELETE request, here's what I get:

```
*****Bean's content*****
Previous = null and httpverb = GET
direct:GET
*****GET branche*****
$$$$ hasOut==false
$$$$ hasIn==Message:
$$$$ getIn==null
$$$$ getOut==null
THE JSON STRING==null
: bonitaCmessaginsEndpoint.cLog_1 - OK

*****Bean's content*****
Previous = null and httpverb = DELETE
```

```
direct:DELETE
*****DELETE branche*****
hasOut==false
hasIn==Message:
getIn==null
getOut==null
THE JSON STRING==null
```

but with a POST:

```
:1:1: Contenu non autorisé dans le prologue.
: org.apache.camel.processor.DefaultErrorHandler - Failed delivery for (MessageId: ID-LFR204094-64478-1441096020106-0-17 on ExchangeId: ID-LFR2040
```

Message History

```
-----
RouteId                ProcessorId            Processor                                                    Elapsed (ms)
```

```
]
```

Exchange

```
-----
Exchange
```

```
]
```

Stacktrace

```
-----
org.apache.camel.CamelExecutionException: Exception occurred during execution on the exchange: Exchange]
  at org.apache.camel.util.ObjectHelper.wrapCamelExecutionException(ObjectHelper.java:1635)
  at org.apache.camel.builder.ExpressionBuilder$42.evaluate(ExpressionBuilder.java:1039)
  at org.apache.camel.support.ExpressionAdapter.evaluate(ExpressionAdapter.java:36)
  at org.apache.camel.component.bean.MethodInfo$2.evaluateParameterBinding(MethodInfo.java:592)
  at org.apache.camel.component.bean.MethodInfo$2.evaluate(MethodInfo.java:484)
  at org.apache.camel.component.bean.MethodInfo.createMethodInvocation(MethodInfo.java:240)
  at org.apache.camel.component.bean.BeanInfo.createInvocation(BeanInfo.java:283)
  at org.apache.camel.component.bean.BeanInfo.createInvocation(BeanInfo.java:183)
  at org.apache.camel.component.bean.BeanProcessor.process(BeanProcessor.java:153)
  at org.apache.camel.util.AsyncProcessorHelper.process(AsyncProcessorHelper.java:109)
  at org.apache.camel.component.bean.BeanProcessor.process(BeanProcessor.java:68)
  at org.apache.camel.language.bean.BeanExpression$InvokeProcessor.process(BeanExpression.java:194)
  at org.apache.camel.language.bean.BeanExpression.evaluate(BeanExpression.java:123)
  at org.apache.camel.language.bean.BeanExpression.evaluate(BeanExpression.java:132)
  at org.apache.camel.processor.SetHeaderProcessor.process(SetHeaderProcessor.java:47)
  at org.apache.camel.management.InstrumentationProcessor.process(InstrumentationProcessor.java:77)
  at org.apache.camel.processor.DelegateAsyncProcessor.process(DelegateAsyncProcessor.java:91)
  at routines.system.CamelStat$1$1.process(CamelStat.java:56)
  at org.apache.camel.processor.DelegateAsyncProcessor.process(DelegateAsyncProcessor.java:91)
  at org.apache.camel.processor.RedeliveryErrorHandler.process(RedeliveryErrorHandler.java:448)
  at org.apache.camel.processor.CamelInternalProcessor.process(CamelInternalProcessor.java:191)
  at org.apache.camel.processor.Pipeline.process(Pipeline.java:118)
  at org.apache.camel.processor.Pipeline.process(Pipeline.java:80)
  at org.apache.camel.processor.CamelInternalProcessor.process(CamelInternalProcessor.java:191)
  at org.apache.camel.component.jetty.CamelContinuationServlet.service(CamelContinuationServlet.java:162)
  at javax.servlet.http.HttpServlet.service(HttpServlet.java:848)
  at org.eclipse.jetty.servlet.ServletHolder.handle(ServletHolder.java:686)
  at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1494)
  at org.eclipse.jetty.servlets.MultiPartFilter.doFilter(MultiPartFilter.java:136)
  at org.apache.camel.component.jetty.CamelFilterWrapper.doFilter(CamelFilterWrapper.java:43)
```

```

at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1465)
at org.eclipse.jetty.servlet.ServletHandler.doHandle(ServletHandler.java:499)
at org.eclipse.jetty.server.handler.ContextHandler.doHandle(ContextHandler.java:1086)
at org.eclipse.jetty.servlet.ServletHandler.doScope(ServletHandler.java:428)
at org.eclipse.jetty.server.handler.ContextHandler.doScope(ContextHandler.java:1020)
at org.eclipse.jetty.server.handler.ScopedHandler.handle(ScopedHandler.java:135)
at org.eclipse.jetty.server.handler.HandlerWrapper.handle(HandlerWrapper.java:116)
at org.eclipse.jetty.server.Server.handle(Server.java:370)
at org.eclipse.jetty.server.AbstractHttpConnection.handleRequest(AbstractHttpConnection.java:489)
at org.eclipse.jetty.server.AbstractHttpConnection.content(AbstractHttpConnection.java:960)
at org.eclipse.jetty.server.AbstractHttpConnection$RequestHandler.content(AbstractHttpConnection.java:1021)
at org.eclipse.jetty.http.HttpParser.parseNext(HttpParser.java:865)
at org.eclipse.jetty.http.HttpParser.parseAvailable(HttpParser.java:240)
at org.eclipse.jetty.server.AsyncHttpConnection.handle(AsyncHttpConnection.java:82)
at org.eclipse.jetty.io.nio.SelectChannelEndPoint.handle(SelectChannelEndPoint.java:668)
at org.eclipse.jetty.io.nio.SelectChannelEndPoint$1.run(SelectChannelEndPoint.java:52)
at org.eclipse.jetty.util.thread.QueuedThreadPool.runJob(QueuedThreadPool.java:608)
at org.eclipse.jetty.util.thread.QueuedThreadPool$3.run(QueuedThreadPool.java:543)
at java.lang.Thread.run(Unknown Source)
Caused by: org.apache.camel.InvalidPayloadException: No body available of type: org.w3c.dom.Document but has value: org.apache.camel.converter.sti

at org.apache.camel.impl.MessageSupport.getMandatoryBody(MessageSupport.java:101)
at org.apache.camel.builder.ExpressionBuilder$42.evaluate(ExpressionBuilder.java:1037)
... 47 more
Caused by: org.apache.camel.TypeConversionException: Error during type conversion from type: java.lang.String to the required type: org.w3c.dom.Dc

at org.apache.camel.impl.converter.BaseTypeConverterRegistry.createTypeConversionException(BaseTypeConverterRegistry.java:571)
at org.apache.camel.impl.converter.BaseTypeConverterRegistry.mandatoryConvertTo(BaseTypeConverterRegistry.java:169)
at org.apache.camel.impl.MessageSupport.getMandatoryBody(MessageSupport.java:99)
... 48 more
Caused by: org.apache.camel.RuntimeCamelException: org.xml.sax.SAXParseException; lineNumber: 1; columnNumber: 1; Contenu non autorisé dans le pro

at org.apache.camel.util.ObjectHelper.wrapRuntimeCamelException(ObjectHelper.java:1619)
at org.apache.camel.util.ObjectHelper.invokeMethod(ObjectHelper.java:1224)
at org.apache.camel.impl.converter.InstanceMethodTypeConverter.convertTo(InstanceMethodTypeConverter.java:78)
at org.apache.camel.impl.converter.BaseTypeConverterRegistry.doConvertTo(BaseTypeConverterRegistry.java:285)
at org.apache.camel.impl.converter.BaseTypeConverterRegistry.mandatoryConvertTo(BaseTypeConverterRegistry.java:160)
... 49 more
Caused by: org.xml.sax.SAXParseException; lineNumber: 1; columnNumber: 1; Contenu non autorisé dans le prologue.
at com.sun.org.apache.xerces.internal.parsers.DOMParser.parse(Unknown Source)
at com.sun.org.apache.xerces.internal.jaxp.DocumentBuilderImpl.parse(Unknown Source)
at javax.xml.parsers.DocumentBuilder.parse(Unknown Source)
at org.apache.camel.converter.jaxp.XmlConverter.toDOMDocument(XmlConverter.java:853)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
at java.lang.reflect.Method.invoke(Unknown Source)
at org.apache.camel.util.ObjectHelper.invokeMethod(ObjectHelper.java:1220)
... 52 more

```

even the beans content isn't printed